

DAYFLOW Update 2005

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The DAYFLOW database has been extended to include **water year 2005**. Below are highlights of this year's effort:

- A preliminary 2005 Dayflow data set was provided to the POD group in early October 2005. Several minor Delta inflow data sets were not included in the Delta outflow estimate at that time because data had not yet been received from data collectors.
- This year's dayflow output was delayed due to slow provision of flow data from some data collectors. The Dayflow process includes requesting and receiving the official flow station input data from responsible agencies before flow estimates are computed. The stations and responsible agencies that provide flow data for Dayflow estimates are listed below:
 - USGS (Cosumnes, Sacramento, Yolo Bypass, San Joaquin)
 - EBMUD (Mokelumne)
 - DWR-O&M (CCFI, Barker pumping, Stockton precipitation)
 - DWR-CD (Sacramento Weir and French Camp Slough)
 - USBR-CVP Operations (DXC times/status, CVP pumping, Contra Costa pumpings, Putah South Canal)
 - USACOE (Calaveras)
- French Camp Slough flow was ultimately NOT included in water year 2005 Dayflow computation because input data was not provided by Central District DWR. French camp Slough flow measurement does not currently have program funded support. French camp slough flows fluctuate seasonally as shown in Figure 1 (water year 2004, a "Below Normal" year). Delta outflow, and other parameters calculated in Dayflow, will therefore be biased low by approximately these amounts. There are other east side tributaries in the Delta that have never been measured and included in Dayflow. Thus, we would expect Dayflow estimate of Delta outflow would be biased consistently low. We believe, however, that the greatest source of uncertainty in the Delta outflow estimate continues to be Delta agriculture consumptive use.
- Dayflow data users can usually answer most questions by referencing the extensive documentation on the Dayflow web site (<http://www.iep.ca.gov/dayflow>)

Figure 1: WY 2004 French Camp Slough Flow

